

PROJECT DESCRIPTION

I. GENERAL:

THIS PROJECT INVOLVES MODIFICATION OF THE EXISTING TRAFFIC CONTROL SIGNAL AT THE INTERSECTION OF US 219 (THIRD STREET) AND MD 39 (OAK STREET) IN THE CITY OF OAKLAND, GARRETT COUNTY.

US 219 (THIRD STREET) IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

II. INTERSECTION OPERATION:

THE INTERSECTION WILL OPERATE IN A SIX-PHASE, SEMI-ACTUATED MODE. THE NORTHBOUND US 219 EXCLUSIVE/PERMISSIVE RIGHT-TURN PHASE OPERATES CONCURRENTLY WITH THE SOUTHBOUND US 219 EXCLUSIVE/PERMISSIVE LEFT-TURN PHASE. AN EXCLUSIVE/PERMISSIVE LEFT-TURN PHASE SHALL BE PROVIDED FOR TRAFFIC GOING EASTBOUND ALONG MD 39 (OAK STREET) TO NORTHBOUND US 219 (THIRD STREET).

THE EXISTING POLE-MOUNTED CABINET AND CONTROLLER WILL BE UTILIZED. SHA SIGNAL SHOP FORCES WILL PROVIDE THE EQUIPMENT AND WILL MODIFY THE CONTROLLER CABINET.

III. PROJECT CONTACTS:

1. THE FOLLOWING ARE THE CONTACT PERSONS FOR THIS PROJECT:

MR. GEORGE SMALL, ASSISTANT DISTRICT ENGINEER - TRAFFIC
PHONE: (301) 729-8444

MR. STEPHEN BUCY, ASSISTANT DISTRICT ENGINEER - CONSTRUCTION
PHONE: (301) 729-8411

MR. DWAYNE BITTNER, ASSISTANT DISTRICT ENGINEER - MAINTENANCE
PHONE: (301) 729-8457

MR. DAVID FELKER, UTILITY ENGINEER
PHONE: (301) 729-8439

MR. RICHARD DAFF, SR., CHIEF - TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7630

MR. EDWARD RODENHIZER, CHIEF - SIGNAL SHOP
PHONE: (410) 787-7652

MR. SONNY BAILEY, CHIEF - SIGN SHOP
PHONE: (410) 787-7676

2. MAINTENANCE OF TRAFFIC WILL UTILIZE THE STANDARD PLATES FOR TRAFFIC CONTROL FROM SECTION MD 104 OF THE SHA BOOK OF STANDARDS FOR HIGHWAYS AND INCIDENTAL STRUCTURES.

EQUIPMENT LIST 'A'

A. EQUIPMENT TO BE SUPPLIED AND INSTALLED BY THE ADMINISTRATION.

QUANTITY	DESCRIPTION
1 EA	12" LED FIVE-SECTION TRAFFIC SIGNAL HEAD
2 EA	VIDEO DETECTION CAMERA WITH LEAD-IN (3-CONDUCTOR NO. 18 AWG) CABLE AND PEDESTAL BRACKETS
1 EA	VIDEO INTERFACE UNIT
1 EA	DETECTOR RACK
65 LF	7-CONDUCTOR (NO. 14 AWG) ELECTRICAL CABLE

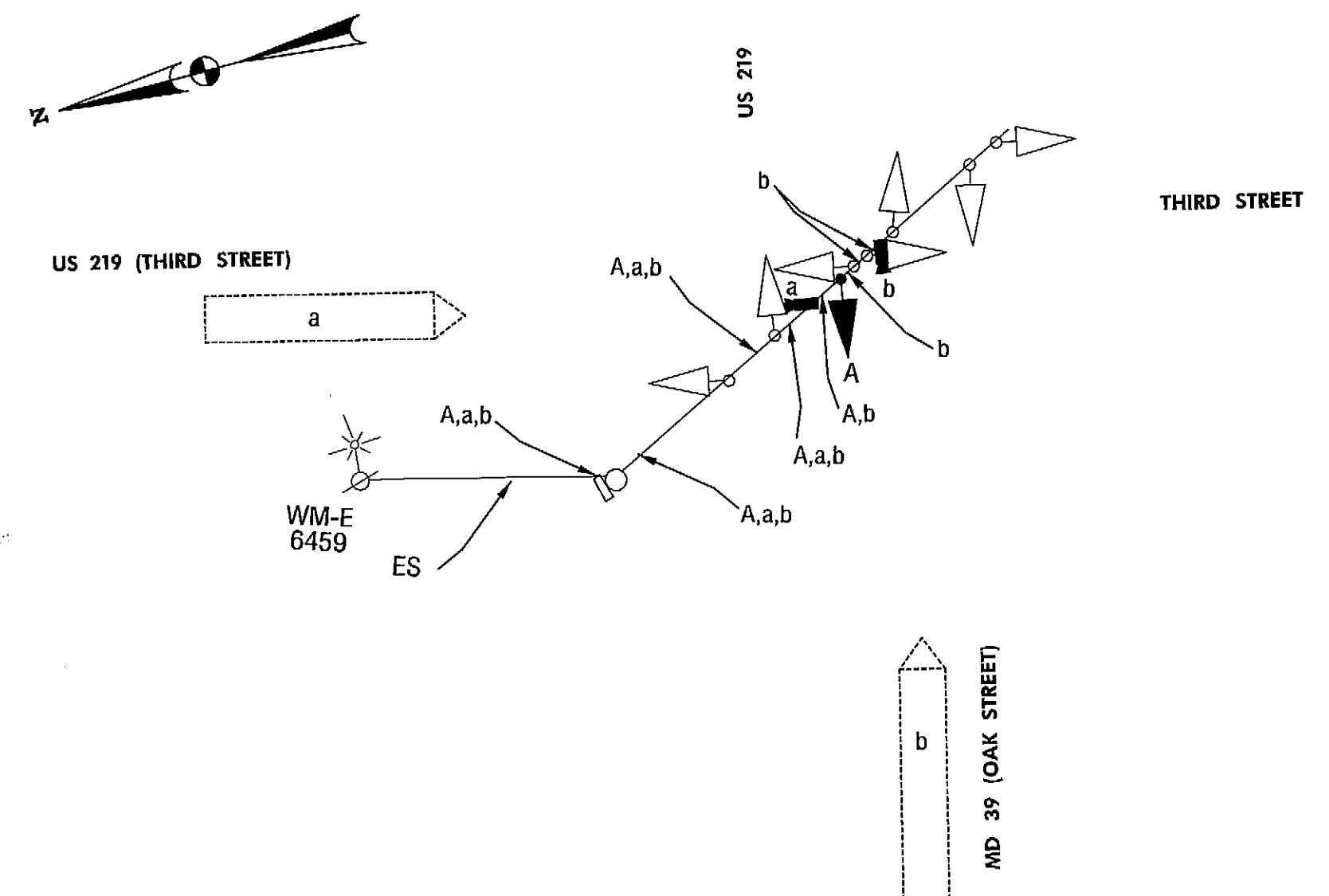
PHASE CHART

	1	2	3	4	5	6	7	8
	R Y G	R Y G	R Y G	R Y G	R Y G	R Y G	R Y G	R Y G
Phase 2 + 5	R	R	G	G	R	R	R	R
2 + 5 Change	R	R	G	G	R	R	R	R
Phase 2 + 6	G	G	G	G	R	R	R	R
2 + 6 Change	Y	Y	Y	Y	R	R	R	R
Phase 4 + 7	R	R	R	R	G	G	R	R
4 + 7 Change	R	R	R	R	G	G	R	R
Phase 4 + 8	R	R	R	R	G	G	G	G
4 + 8 Change	R	R	R	R	Y	Y	Y	Y
Flashing Operation	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R

EQUIPMENT LIST 'C'

C. THE DOTS SIGNAL SHOP SHALL REMOVE AND DISPOSE OF THE EXISTING EQUIPMENT

WIRING DIAGRAM



WIRING KEY

- A - 7 CONDUCTOR NO. 14 AWG ELECTRICAL CABLE
a,b - VIDEO DETECTION CAMERA - 3 CONDUCTOR NO. 18 AWG ELECTRICAL CABLE TO CONTROLLER
ES - EXISTING SERVICE FEED

CENTURY
ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 GILROY ROAD
HUNT VALLEY, MD 21031

Revision 'F' PROJECT # 101195.48

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
US 219 (THIRD STREET) AND
MD 39 (OAK STREET)
CITY OF OAKLAND, MARYLAND

GENERAL INFORMATION SHEET

SCALE NONE ADVERTISED DATE OCT. 2011 CONTRACT NO. AX108A51

DESIGNED BY EMM COUNTY GARRETT
DRAWN BY EMM LOGMILE 11003906.22
CHECKED BY MR /NR TMS NO. K880
F.A.P. NO. TOD NO.

TS NO. 457F-GI DRAWING SG-02 OF 2 SHEET NO. 2 OF 2